

United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

NOTICE OF ALLOWANCE AND FEE(S) DUE

35525

7590

12/23/2004

IBM CORP (YA) C/O YEE & ASSOCIATES PC P.O. BOX 802333 DALLAS, TX 75380

| EXA | AMINER |
|---------|-------------------------|
| ALI | , SYED J |
| ADTIDUT | B + B d D > W d + D D D |

2127

DATE MAILED: 12/23/2004

| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|-------------|----------------------|---------------------|------------------|
| 09/671,770 | 09/28/2000 | Geoffrey Owen Blandy | AUS9-2000-0570-US1 | 7435 |

TITLE OF INVENTION: APPARATUS AND METHOD FOR AVOIDING DEADLOCKS IN A MULTITHREADED ENVIRONMENT

| APPLN. TYPE | SMALL ENTITY | ISSUE FEE | PUBLICATION FEE | TOTAL FEE(S) DUE | DATE DUE |
|----------------|--------------|-----------|-----------------|------------------|------------|
| nonprovisional | NO | \$1400 | \$0 | \$1400 | 03/23/2005 |

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B - Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

or <u>Fax</u> (703) 746-4000

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

| CURRENT CORRESPONDEN | CE ADDRESS (Note: Use Block 1 for | any change of address) | | Note: A certificate of | f mailing can only be used for | or domestic mailings of the | |
|--|--|---|---|--|---|--|--|
| | | | | Fee(s) Transmittal. TI papers. Each addition | his certificate cannot be used all paper, such as an assignment te of mailing or transmission. | for any other accompanying ent or formal drawing, must | |
| | 590 12/23/2004 | | | have its own certificat | te of mailing or transmission. | | |
| IBM CORP (YA | | | | Ce L hereby cortify that t | rtificate of Mailing or Trans | smission | |
| C/O YEE & ASSO P.O. BOX 802333 | | | | States Postal Service | with sufficient postage for fir | st class mail in an envelope | |
| DALLAS, TX 753 | | | | addressed to the Ma transmitted to the US | his Fee(s) Transmittal is bein with sufficient postage for fir il Stop ISSUE FEE address PTO (703) 746-4000, on the c | above, or being facsimile date indicated below. | |
| , | | | | | | (Depositor's name) | |
| | | • | | | | (Signature) | |
| | | | | L | | (Date) | |
| APPLICATION NO. | FILING DATE | F | IRST NAMED INVEN | TOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. | |
| 09/671,770 | 09/28/2000 | | Geoffrey Owen Blan | ndy | AUS9-2000-0570-US1 | 7435 | |
| TITLE OF INVENTION: A | APPARATUS AND METHO | D FOR AVOIDING | DEADLOCKS IN | A MULTITHREADEI | D ENVIRONMENT | | |
| | | | | | | | |
| | | | | | | | |
| APPLN. TYPE | SMALL ENTITY | ISSUE FE | E PU | BLICATION FEE | TOTAL FEE(S) DUE | DATE DUE | |
| nonprovisional | NO | \$1400 | | \$0 | \$1400 | 03/23/2005 | |
| EXAM | MINER | ART UNI | T CI | ASS-SUBCLASS |] | | |
| ALI, S | SYED J | 2127 | | 717-148000 | | | |
| 1. Change of correspondence | e address or indication of "F | ee Address" (37 | 2. For printing on | the patent front page, I | ist | | |
| CFR 1.363). | danga addmag (ay Changa af | C | (1) the names of u | p to 3 registered pate | nt attorneys 1 | | |
| Address form PTO/SB/I | dence address (or Change of 22) attached. | Correspondence | or agents OR, alter | • • | | | |
| | tion (or "Fee Address" Indicates or more recent) attached. Us | | registered attorney | single firm (having as or agent) and the nam attorneys or agents. If | nes of up to | | |
| PTO/SB/47; Rev 03-02 Number is required. | or more recent) attached. Us- | e of a Customer | 2 registered patent listed, no name wi | attorneys or agents. If Il be printed. | f no name is 3 | | |
| 3. ASSIGNEE NAME AND | RESIDENCE DATA TO B | E PRINTED ON T | HE PATENT (print o | or type) | | | |
| PLEASE NOTE: Unless recordation as set forth in | s an assignee is identified be n 37 CFR 3.11. Completion | elow, no assignee of of this form is NOT | lata will appear on the | he patent. If an assign g an assignment. | nee is identified below, the d | locument has been filed for | |
| (A) NAME OF ASSIGN | | | | Y and STATE OR CO | | | |
| | | . , | | | , | | |
| | | | | | | | |
| Please check the appropriate | e assignee category or catego | ries (will not be pri | nted on the patent): | ☐ Individual ☐ C | Corporation or other private gre | oup entity Government | |
| 4a. The following fee(s) are | enclosed: | 4b. | Payment of Fee(s): | | | | |
| Issue Fee | | | | nount of the fee(s) is en | | | |
| | small entity discount permitte | - | Payment by credit card. Form PTO-2038 is attached. | | | | |
| Advance Order - # of Copies | | | The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number (enclose an extra copy of this form). | | | | |
| | (from status indicated above | :) | | | | | |
| | MALL ENTITY status. See | | | | LL ENTITY status. See 37 C | | |
| NOTE: The Issue Fee and P interest as shown by the reco | is requested to apply the Issue to a sublication Fee (if required) words of the United States Pate | ue Fee and Publicati vill not be accepted ent and Trademark (| on Fee (if any) or to from anyone other the Office. | re-apply any previous an the applicant; a reg | ly paid issue fee to the applica istered attorney or agent; or the | ation identified above. he assignee or other party in | |
| Authorized Signature | | | | Date | | | |
| | | | | Registration | 1 No | | |
| , | | | | | the public which is to file (an minutes to complete, includir omments on the amount of ti Trademark Office, U.S. Dep S. SEND TO: Commissioner displays a valid OMB control | | |



United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

| APPLICATION N | IO. F | FILING DATE FIRST NAMED INVENTOR | | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|---------------|----------------|----------------------------------|----------------------|-------------------------|------------------|
| 09/671,770 | 770 09/28/2000 | | Geoffrey Owen Blandy | AUS9-2000-0570-US1 | 7435 |
| 35525 | 7590 | 12/23/2004 | | EXAM | INER |
| IBM CORP | ` ' | ES PC | | ALI, SY | YED J |
| P.O. BOX 80 | | | | ART UNIT | PAPER NUMBER |
| DALLAS, T | X 75380 | | | 2127 | |
| | | | | DATE MAILED: 12/23/2004 | 1 |

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 691 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 691 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571) 272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.